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(multimedia and metadata and linking and
template and point)

Published before December 2003

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1 [Localizing experience of digital content via structural metadata](#)



Naomi Dushay

July JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital
2002 libraries

Publisher: ACM

Full text available:  Pdf (342.47
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 81, Citation Count: 0

With the increasing technical sophistication of both information consumers and providers, there is increasing demand for more meaningful experiences of digital information. We present a framework that separates digital object experience, or rendering, ...

Keyw ords: information behavior, information intermediaries, interoperability, metadata, system architecture

2 Combining RDF and XML schemas to enhance interoperability between metadata application profiles



Jane Hunter, Carl Lagoze

April WWW '01: Proceedings of the 10th international conference on World Wide Web
2001 Web

Publisher: ACM

Full text available: Pdf (525.04

KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 132, Citation Count: 12

Keywords: RDF, XML, XSLT, interoperability, metadata, schema

3 Towards second and third generation web-based multimedia



Jacco van Ossenbruggen, Joost Geurts, Frank Cornelissen, Lynda Hardman, Lloyd Rutledge

April WWW '01: Proceedings of the 10th international conference on World Wide Web
2001 Web

Publisher: ACM

Full text available: Pdf (563.48

KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 109, Citation Count: 18

Keywords: SMIL, XML, XSLT, multimedia, transformations

4 Annotation-based multimedia summarization and translation

Katashi Nagao, Shigeki Ohira, Mitsuhiro Yoneoka

August Proceedings of the 19th international conference on Computational linguistics - Volume 1, Volume 1

Publisher: Association for Computational Linguistics

Full text available: Pdf (366.61

KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 36, Citation Count: 0

This paper presents techniques for multimedia annotation and their application to video summarization and translation. Our tool for annotation allows users to easily create annotation including voice transcripts, video scene descriptions, and visual/auditory ...

5 [Finding linking opportunities through relationship-based analysis](#)



Joonhee Yoo, Michael Bieber

May HYPERTEXT '00: Proceedings of the eleventh ACM on Hypertext and
2000 hypermedia

Publisher: ACM

Full text available: Pdf (106.08
KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 31, Citation Count: 3

Keyw ords: World Wide Web applications, book store, hypermedia analysis, hypermedia design, relationship analysis, relationship attributes, relationship management

6 [Towards a multimedia formatting vocabulary](#)



Jacco van Ossenbruggen, Lynda Hardma, Joost Geurts, Lloyd Rutledge

May WWW '03: Proceedings of the 12th international conference on World Wide
2003 Web

Publisher: ACM

Full text available: Pdf (189.77
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 63, Citation Count: 3

Time-based, media-centric Web presentations can be described declaratively in the XML world through the development of languages such as SMIL. It is difficult, however, to fully integrate them in a complete document transformation processing chain. In ...

Keyw ords: Cuypers, document transformation, formatting objects, hyper-media, multimedia

7 [News on-demand for multimedia networks](#)



Gene Miller, Greg Baber, Mark Gilliland

September MULTIMEDIA '93: Proceedings of the first ACM international conference
1993 on Multimedia

Publisher: ACM

Full text available: Pdf (106.03 KB), Ps (1.21
MB)

Additional Information: [full citation](#), [references](#),
[cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 78, Citation Count: 17

Keyw ords: authoring, database, digital video, information service, messaging, networked multimedia, news, retrieval, wideband


8 CREAM: creating relational metadata with a component-based, ontology-driven

annotation framework

Siegfried Handschuh, Steffen Staab, Alexander Maedche

October K-CAP '01: Proceedings of the 1st international conference on Knowledge capture 2001

Publisher: ACM

Full text available:  Pdf (270.14 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 108, Citation Count: 20

Richly interlinked, machine-understandable data constitutes the basis for the Semantic Web. Annotating web documents is one of the major techniques for creating metadata on the Web. However, annotation tools so far are restricted in their capabilities ...

Keywords: DAML+ OIL, RDF, annotations, markup, metadata, ontology, semantic web

9 Authoring and annotation of web pages in CREAM



Siegfried Handschuh, Steffen Staab

May WWW '02: Proceedings of the 11th international conference on World Wide Web 2002

Publisher: ACM

Full text available:  Pdf (764.65 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 164, Citation Count: 31

Richly interlinked, machine-understandable data constitute the basis for the Semantic Web. We provide a framework, CREAM, that allows for creation of metadata. While the annotation mode of CREAM allows to create metadata for existing web pages, the authoring ...

Keywords: RDF, annotation, metadata, semanticWeb


10 M-Studio: an authoring application for context-aware multimedia



Pengkai Pan, Carly Kastner, David Crow, Glorianna Davenport

December MULTIMEDIA '02: Proceedings of the tenth ACM international conference on Multimedia 2002

Publisher: ACM

Full text available:  Pdf (439.30 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 33, Citation Count: 3

Broadband wireless networks coupled with handheld computers and appropriate sensing technologies provide a channel for the delivery of mobile cinema. Mobile cinema changes the consumer experience of motion picture stories in that discrete cinematic sequences ...

Keywords: authoring tool, context-aware narrative, mobile multimedia, story making/sharing

11 [5SL: a language for declarative specification and generation of digital libraries](#)



Marcos André, Gonçalves, Edward A. Fox

July JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital
2002 libraries

Publisher: ACM

Full text available: Pdf (292.78
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 39, Citation Count: 8

Digital libraries (DLs) are among the most complex kinds of information systems, due in part to their intrinsic multi disciplinary nature. Nowadays DLs are built within monolithic, tightly integrated, and generally inflexible systems -- or by assembling ...

Keywords: 5S, 5SL, design tools, generators, languages, models

12 [Designing annotation before it's needed](#)



Frank Nack, Wolfgang Putz

October MULTIMEDIA '01: Proceedings of the ninth ACM international conference
2001 on Multimedia

Publisher: ACM

Full text available: Pdf (1.16
MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 44, Citation Count: 12

This paper considers the automated and semi-automated annotation of audiovisual media in a new type of production framework, A4SM (Authoring System for Syntactic, Semantic and Semiotic Modelling). We present the architecture of the framework and outline ...

Keywords: MPEG-7, XML Schema, automated annotation, news production, semantic networks

13 Supporting service discovery, querying and interaction in ubiquitous computing environments



Adrian Friday, Nigel Davies, Elaine Catterall

May 2001 MobiDe '01: Proceedings of the 2nd ACM international workshop on Data engineering for wireless and mobile access

Publisher: ACM

Full text available: Pdf (60.62 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 88, Citation Count: 2

Future computing environments will consist of a wide range of network based appliances, applications and services interconnected using both wired and wireless networks. In order to encourage the development of applications in such environments and remove ...

Keyw ords: Mobile and ubiquitous computing, middleware, service discovery, service interaction

14 Investigating link service infrastructures



David C. De Roure, Nigel G. Walker, Leslie A. Carr

May 2000 HYPERTEXT '00: Proceedings of the eleventh ACM on Hypertext and hypermedia

Publisher: ACM

Full text available: Pdf (133.87 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 17, Citation Count: 4

Keyw ords: LDAP, Whois+ +, directory services, distributed link service, link service, open hypermedia, query routing

15 A review of web based simulation: whither we wander?

Jasna Kuljis, Ray J. Paul

December 2000 WSC '00: Proceedings of the 32nd conference on Winter simulation

Publisher: Society for Computer Simulation International

Full text available: Pdf (226.42 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 37, Citation Count: 8

This paper considers a variety of new technologies for discrete-event simulation software development. Environments and languages for web based simulation are reviewed. Web based applications are discussed. After proposing a summary of the review, ways ...

16 Compound descriptors in context: a matching function for classifications and



thesauri

Douglas Tudhope, Ceri Binding, Dorothee Blocks, Daniel Cunliffe

July JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital
2002 libraries

Publisher: ACM

Full text available: Pdf (315.09
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 64, Citation Count: 1

There are many advantages for Digital Libraries in indexing with classifications or thesauri, but some current disincentive in the lack of flexible retrieval tools that deal with compound descriptors. This paper discusses a matching function for compound ...

Key words: compound descriptors, faceted classification, knowledge organization systems, matching functions, postcoordination, precoordination, semantic distance measures, similarity coefficients, term expansion

17 Building memory



Dimitris Papalexopoulos, Eleni Kalafati, Sakis Papadopoulos

November VAST '01: Proceedings of the 2001 conference on Virtual reality,
2001 archeology, and cultural heritage

Publisher: ACM

Full text available: Pdf (6.76
MB)

Additional Information: [full citation](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 29, Citation Count: 0

18 Decentering the dancing text: from dance intertext to hypertext



Timothy Miles-Board, Deveril, Janet Lansdale, Leslie Carr, Wendy Hall

August HYPERTEXT '03: Proceedings of the fourteenth ACM conference on
2003 Hypertext and hypermedia

Publisher: ACM

Full text available: Pdf (1.28
MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 38, Citation Count: 1

This paper explains and draws together two projects from different disciplines: dance studies and hypertext writing. Each project sets out to examine the processes and practices of hypertextuality, and to develop new ways of writing using electronic ...

Key words: dance analysis, hypertextuality, intertextuality

19 [AHA! meets Auld Linky: integrating designed and free-form hypertext systems](#)



David Millard, Hugh Davis, Mark Weal, Koen Aben, Paul De Bra
August HYPERTEXT '03: Proceedings of the fourteenth ACM conference on
2003 Hypertext and hypermedia

Publisher: ACM

Full text available: Pdf (90.93
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 28, Citation Count: 4

In this paper we present our efforts to integrate two adaptive hypermedia systems that take very different approaches. The Adaptive Hypermedia Architecture (AHA!) aims to establish a consistently organized, strictly designed form of hypertext while Auld ...

Keywords: systems theory

20 [Supporting access to large digital oral history archives](#)



Samuel Gustman, Dagobert Soergel, Douglas Oard, William Byrne, Michael Picheny, Bhuvana Ramabhadran, Douglas Greenberg
July JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital
2002 libraries

Publisher: ACM

Full text available: Pdf (734.60
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 87, Citation Count: 6

This paper describes our experience with the creation, indexing, and provision of access to a very large archive of videotaped oral histories - 116,000 hours of digitized interviews in 32 languages from 52,000 survivors, liberators, rescuers, and witnesses ...

Keywords: cataloging, oral history, research agenda

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